BBMP BENGALURU

ESTIMATE FOR THE WORK OF CONSTRUCTION OF AMBEDKAR BHAVANA 1ST FLOOR AND BALANCE WORKS AT JAKKUR INWARD NO 07

Detailed Estimate

Particulars		Nos.	L	B	D/H	QtY.	Unit	Rate	Amount
TOTAL CENTER LINE LEGNTH OF WALL									
	F.F			LONG WALLS		1.00	18.49	18.49	Mtr
						1.00	10.66	10.66	Mtr
						1.00	8.60	8.60	Mtr
						1.00	11.32	11.32	Mtr
				SHORT WALL		1.00	18.96	18.96	Mtr
						1.00	5.90	5.90	Mtr
						1.00	4.54	4.54	Mtr
						1.00	7.85	7.85	Mtr
				Toilet walls		1.00	3.02	3.02	Mtr
						1.00	3.85	3.85	Mtr
						1.00	3.30	3.30	Mtr
						3.00	1.65	4.95	Mtr
					FOR Block wall			101.44	Mtr
	T.F			LONG WALLS		2.00	12.75	25.50	Mtr
				SHORT WALL		4.00	3.05	12.20	Mtr
				Head Room		2.00	6.12	12.24	Mtr
						1.00	2.75	2.75	Mtr
					FOR Block wall			52.69	Mtr
Providing and laying in position REINFORCED cement concrete of design mix M25 with OPC cement (53Mfg.) using 20mm and down size graded granite metal coarse aggregate @ 0.70Cum and fine aggregate @ 0.47Cum with super plastisiser @ 3Ltrs confirming to IS 9103-1999 reaffirmed-2008 (machine mixed) concrete laid in layers not exceeding 15 cms. thick, well vibrated for all works in ground floor level for roof slabs staircases, lintels and beams, Retaining walls, Return walls, walls of any thickness including attached palsters, columns, pillars, posts, studs, butresses, string or lacing courses, parapet copings, anchorblocks, and plain window cills and fillets etc. including cost of all materials, labour, HOM of machinery, curing but excluding cost of reinforcements complete as per Specifications, Specification No KBS 4.1, 4.6 First Floor								
Page 13 Item No:4.12									
6,045.00									
60.00									
6105.00									
488.40									
6593.40									
FIRST FLOOR									
COLUMN FF TO TF lev									
C1		8	0.60	0.23	3.30	3.64	Cum		
C2		10	0.45	0.23	3.30	3.42	Cum		
lintel beam		1	101.44	0.15	0.20	3.04	Cum		
deduction for column in lintel									
C1		6	0.60	0.15	0.20	-0.11	Cum		
C2		10	0.45	0.15	0.20	-0.14	Cum		
ROOF BEAM									
B1		1	19.50	0.15	0.30	0.88	Cum		
B2		1	19.10	0.23	0.45	1.98	Cum		
B3		1	17.50	0.23	0.45	1.81	Cum		
B4		1	15.79	0.23	0.45	1.63	Cum		
B5		1	12.40	0.40	0.45	2.23	Cum		
B6		1	8.00	0.15	0.30	0.36	Cum		
B7		1	22.87	0.15	0.30	1.03	Cum		
B8		1	6.89	0.23	0.45	0.71	Cum		
B9		1	7.81	0.23	0.45	0.81	Cum		
B10		1	19.00	0.23	0.45	1.97	Cum		
B11		1	19.00	0.23	0.45	1.97	Cum		
KEC SLAB									
partition 1		1.00	8.00	19.00	0.15	22.80	Cum		
partition 2		1.00	4.50	10.83	0.15	7.31	Cum		
		1.00	6.53	2.90	0.15	2.84	Cum		
		1.00	2.85	7.93	0.15	3.39	Cum		
		1x0.5	7.93	3.21	0.15	1.91	Cum		
staircase		1.00	24.05	1.00	0.15	3.61	Cum		
Staircase Deduction		1.00	4.40	2.60	0.15	1.72	Cum		

Particulars		Nos.	L	B	D/H	QtY.	Unit	Rate	Amount
Waist slab		1	6.50	1.20	0.18	1.40	Cum		
Lnding		1	2.50	1.20	0.18	0.54	Cum		
Rise and threads		19	1.20		0.023	0.51	Cum		
		triangular area 0.5*0.3*0.15=0.0225							
					TOTAL	**71.26**	**Cum**	6,593.40	4,69,831.76
Providing and laying in position REINFORCED cement concrete of design mix M25 with OPC cement @ 540Kgs using 20mm and down size graded granite metal coarse aggregate @ 0.70Cum and fine aggregate @ 0.47cum with super plastisiser @ 3Ltrs confirming to IS 9103-1999 reaffirmed-2008 machine mixed concrete laid in layers not exceeding 15 cms. thick, well vibrated for all works in ground floor level for roof slabs staircases, lintels and beams, Retaining walls, Return walls, walls of any thickness including attached palsters, columns, pillars, posts, studs, butresses, string or lacing courses, parapets,copings, anchorblocks, and plain window cills and fillets etc. including cost of all materials, labour, HOM of machinery, curing but excluding cost of reinforcements complete as per specifications. Specification No KBS 4.1, 4.6 Terrace Floor									
PWD SR 2018-19 Page 13 Item No.4.12									
Basic Rate	6,045.00								
Lift Charges	120.00								
TOTAL	6165.00								
Amnt Wtg8%	493.20								
Net Rate	**6658.20**								
TERRACE FLOOR									
columns									
C1		4	0.60	0.23	3.30	1.82	Cum		
C2		4	0.45	0.23	3.30	1.37	Cum		
Parapet clms		4	0.60	0.23	1.20	0.66	Cum		
		6	0.45	0.23	1.20	0.75	Cum		
lintel beam		1	52.69	0.15	0.20	1.58	Cum		
deduction for column in lintel									
C1		4	0.60	0.15	0.20	-0.07	Cum		
C2		4	0.45	0.15	0.20	-0.05	Cum		
ROOF BEAM		1	52.69	0.23	0.30	3.64	Cum		
RCC SLAB		1.00	13.00	4.23	0.15	8.25	Cum		
Head room		1.00	7.20	4.23	0.15	4.57	Cum		
					TOTAL	**22.50**	**Cum**	6,658.20	1,49,826.88
KSRB 4.9.2 : Providing TMT Steel Bars Fe 500 reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.									
PWD DSR 2018-19 Pg No.17 It No.4.46.2									
Basic Rate	70966.00								
Lift Charges	748.00								
TOTAL	71714.00								
Amnt Wtg8%	5737.12								
Net Rate	**77451.12**								
For RCC works		142kg/Cum		71.26					
		Steel @142.50kg/cum		**10154.25**					
	MT			**10.15**	Say	**10.20**		77451.12	7,90,001.42
KSRB 4.9.2 : Providing TMT Steel Bars Fe 500 reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.									
PWD DSR 2018-19 Pg No.17 It No.4.46.2									
Basic Rate	70966.00								
Lift Charges	1496.00								
TOTAL	72462.00								
Amnt Wtg8%	5796.96								
Net Rate	**78258.96**								
For RCC works		120kg/Cum		22.50					
		Steel @120kg/cum		**2700.31**					
	MT			**2.70**	Say	**2.70**		78258.96	2,11,323.70

	Particulars		Nos.	L	B	D/H	QtY.	Unit	Rate	Amount
	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton and directions of the Engineer in charge of the work Specification No. KBS 4.6.2 . **FIRST FLOOR**									
	PWD SR 2018-19 Page 16: Item No. 4.32									
	Basic Rate	456.00								
	Area Wtg8%	36.48								
	Net Rate	492.48								
	FIRST Floor									
	C1		8	1.66		3.30	43.82	sqm		
	C2		10	1.36		3.30	44.88	sqm		
					total		**88.70**	**sqm**	492.48	43,684.95
	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton and directions of the Engineer in charge of the work Specification No. KBS 4.6.2 . TERRACE **FLOOR**									
	PWD SR 2018-19 Page 16: Item No. 4.32									
	Basic Rate	456.00								
	Area Wtg8%	36.48								
	Net Rate	492.48								
	TERRACE Floor									
	C1		4	1.66		3.30	21.91	sqm		
	C2		4	1.36		3.30	17.95	sqm		
	Parapet columns									
	C1		4	1.66		1.20	7.97	sqm		
	C2		6	1.36		1.20	9.79	sqm		
					total		**57.62**	**sqm**	492.48	28,378.67
	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specificaitons and directions of the Engineer in charge of the work .GROUND FLOOR									
	PWD SR 2018-19 Page 16: Item No. 4.34									
	Basic Rate	292.00								
	Area Wtg8%	23.36								
	Net Rate	315.36								
	First FLOOR									
	lintel		2x1	101.44		0.15	30.43	sqm		
	BEAM BOTTOM									
			1	12.90	0.23		2.97	sqm		
			1	7.60	0.23		1.75	sqm		
			1	17.65	0.23		4.06	sqm		
			1	18.85	0.23		4.34	sqm		
			1	10.45	0.23		2.40	sqm		
			1	17.90	0.23		4.12	sqm		
	Roof beam Sides									
	B1		1x2	19.50		0.30	11.70	sqm		
	B2		1x2	19.10		0.30	11.46	sqm		
	B3		1x2	17.50		0.30	10.50	sqm		
	B4		1x2	15.79		0.30	9.47	sqm		
	B5		1x2	12.40		0.30	7.44	sqm		
	B6		1x2	8.00		0.30	4.80	sqm		
	B7		1x2	22.87		0.30	13.72	sqm		
	B8		1x2	6.89		0.30	4.13	sqm		
	B9		1x2	7.81		0.30	4.69	sqm		
	B10		1x2	19.00		0.30	11.40	sqm		
	B11		1x2	19.00		0.30	11.40	sqm		
	slab sides		1	65.00		0.15	9.75	sqm		
						TOTAL	**160.53**	**sqm**	315.36	50,624.27
	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specificaitons and directions of the Engineer in charge of the work .TERRACE FLOOR									
	PWD SR 2018-19 Page 16: Item No. 4.34									

	Particulars		Nos.	L	B	D/H	QtY.	Unit	Rate	Amount
	Basic Rate	292.00								
	Area Wtg8%	23.36								
	Nett Rate	315.36								
	Terrace FLOOR									
	lintel		2x1	52.69		0.15	15.81	sqm		
	Roof beam Sides		1x2	52.69		0.30	31.61	sqm		
	slab sides		1	47.51		0.15	7.13	sqm		
						TOTAL	**54.55**	**sqm**	315.36	17,202.10
	Providing and removing centering shuttering, strutting, proping etc. and removal of form work for flat surface such as suspended floors, roofs and landings,balconies and likes thicknesses up to 200mm including cost of all mterials, labour, as per specifications and directions of the Engineer in charge of the work .FIRST FLOOR									
	PWD SR 2018-19 Page 15: Item No. 4.30									
	Basic Rate	440.00								
	Area Wtg8%	35.20								
	Nett Rate	475.20								
	FIRST FLOOR									
	portion 1		1	8.06	19.00		153.14	sqm		
	portion 2		1	4.93	10.83		53.39	sqm		
	portion 3		1	6.53	2.90		18.94	sqm		
	portion 4		1	2.87	7.93		22.76	sqm		
	portion 5		0.5	7.93	3.21		12.73	sqm		
	Stair case deduction		1	4.40	2.60		-11.44	sqm		
	Slab projection		1	24.05	1.20		28.86	sqm		
					TOTAL		**278.38**	**sqm**	475.20	1,32,284.11
	Providing and removing centering shuttering, strutting, proping etc. and removal of form work for flat surface such as suspended floors, roofs and landings,balconies and likes thicknesses up to 200mm including cost of all mterials, labour, as per specifications and directions of the Engineer in charge of the work . TERRACE FLOOR									
	PWD SR 2018-19 Page 15: Item No. 4.30									
	Basic Rate	440.00								
	Area Wtg8%	35.20								
	Nett Rate	475.20								
	TERRACE FLOOR									
	RCC SLAB		1.00	13.00	4.23		54.99	sqm		
	Head room		1.00	7.20	4.23		30.46	sqm		
					TOTAL		**85.45**	**sqm**	475.20	40,603.94
	ISRB 4.2.11 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto Ground Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Specification No. FIRST FLOOR									
	PWD SR 2018-19 Page 15: Item No. 4.20									
	Basic Rate	496.00								
	Lift Charges	6.00								
	TOTAL	502.00								
	Area Wtg8%	40.16								
	Nett Rate	542.16								
	First FLOOR									
	Chajja									
	W1		4	1.70	0.60		4.08	Sqm		
					TOTAL		**4.08**	**sqm**	542.16	2,212.01
	ISRB 4.2.11 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto Ground Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Specification No. GROUND FLOOR									
	PWD SR 2018-19 Page 15: Item No. 4.20									
	Basic Rate	496.00								
	Lift Charges	12.00								
	TOTAL	508.00								
	Area Wtg8%	40.64								
	Nett Rate	548.64								

Particulars		Nos.	L	B	D/H	QtY.	Unit	Rate	Amount
First FLOOR									
Chajja									
W1		4	1.70	0.60		4.08	Sqm		
				TOTAL		**4.08**	**sqm**	548.64	2,238.45
KSRB 4-6.10 :Providing and removing centering, shuttering, strutting, propping etc., for chajjas, lintels etc. , including edges including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2 Pg No 16,Item No 4.37									
PWD SR 2018-19 Page 15: Item No. 4.37									
Basic Rate	323.00								
Lift Charges	6.00								
TOTAL	329.00								
Amt. Mtgd%	26.32								
Net Rate	355.32								
First FLOOR									
Chajja bottom									
W1		4	1.70	0.60		4.08	Sqm		
Chajja sides									
W1		4	2.90		0.10	1.16	Sqm		
				TOTAL		**5.24**	**sqm**	355.32	1,861.88
KSRB 4-6.10 :Providing and removing centering, shuttering, strutting, propping etc., for chajjas, lintels etc. , including edges including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2 Pg No 16,Item No 4.37									
PWD SR 2018-19 Page 15: Item No. 4.37									
Basic Rate	323.00								
Lift Charges	12.00								
TOTAL	335.00								
Amt. Mtgd%	26.80								
Net Rate	361.80								
TERRACE FLOOR									
Chajja bottom									
W1		4	2.20	0.60		5.28	Sqm		
Chajja sides									
W1		4	3.40		0.10	1.36	Sqm		
				TOTAL		**6.64**	**sqm**	361.80	2,402.35
KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton per Sqmm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x15x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. FIRST FLOOR									
PWD SR 2018-19 Page 27: Item No. 5.26.2									
Basic Rate	924.00								
Lift Charges	35.00								
TOTAL	959.00								
Amt. Mtgd%	76.72								
Net Rate	1,035.72								
First FLOOR									
WALLS		1	101.44		2.80	284.03	Sqm		
Stage wall		1	10.65		0.45	4.79	Sqm		
Deductions									
Lintels		1	101.44		0.15	-15.22	Sqm		
deduction for column									
C1		4	0.60		3.20	-7.68	Sqm		
C2		10	0.45		3.20	-14.40	Sqm		
DEDUCTION FOR OPENINGS									
D		1	1.80		2.10	-3.78	Sqm		
D1		1	1.20		2.10	-2.52	Sqm		
W		1	1.50		1.20	-1.80	Sqm		
W1		5	1.50		1.20	-9.00	Sqm		
V		2	0.60		0.45	-0.54	Sqm		
					TOTAL	**233.89**	Sqm	1,035.72	2,42,243.00
KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton per Sqmm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x15x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. TERRACE FLOOR									
PWD SR 2018-19 Page 27: Item No. 5.26.2									

Particulars		Nos.	L	B	D/H	QtY.	Unit	Rate	Amount
Basic Rate	924.00								
Lift Charges	70.00								
TOTAL	994.00								
Amor Wtg8%	79.52								
Net Rate	1,073.52								
TERRACE FLOOR									
WALLS		1	52.69		2.80	147.53	Sqm		
Parapet wall		1	16.65		1.20	19.98	Sqm		
Deductions									
Lintels		1	52.69		0.15	-7.90	Sqm		
deduction for column									
C1		4	0.60		3.20	-7.68	Sqm		
C2		4	0.45		3.20	-5.76	Sqm		
DEDUCTION FOR OPENINGS									
D1		2	1.50		2.10	-6.30	Sqm		
W1		3	1.50		1.20	-5.40	Sqm		
V		1	0.60		0.45	-0.27	Sqm		
					TOTAL	**134.20**	Sqm	1,073.52	1,44,064.77
KSRB 9.4-3 : Providing Matti / Nandi wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33									
PWD SR 2018-19Page 51: Item No.9.12									
Basic Rate	63,407.00								
Amor Wtg8%	5,072.56								
Net Rate	68,479.56								
TF	Door Frames of Size 75mmx125mm								
DD-01	verticles	2*1	2.15	0.075	0.125	0.040	Cum		
	hariztls	2*1	1.50	0.075	0.125	0.028	Cum		
TF	Door Frames of Size 75mmx125mm								
DD-01	verticles	2*2	2.15	0.075	0.125	0.081	Cum		
	hariztls	2*2	1.50	0.075	0.125	0.056	Cum		
						0.205	Cum	68,479.56	14,060.00
Providing and fixing factory made splendoor of solid core single leaf rigid composite polymer laminated sal wood, door shutter of required thickness, manufactured out of solid core door conforming to IS 2202 (Part-1) 1991, laminated with 0.8 mm thick polymer, termite, water resistant and fire retardant with superior gluing based on vacuum lamination technology and with various pre moulded design on both faces conforming to IS 6307-1985, using adhesive conforming to IS 4835-1979 and door shuters tested in conformation to IS 4020-1994. The finish of shutters will be TEAK/OAK/CEDAR/ROSE WOOD/WALNUT, plain colurs WHITE/IVORY/BEIGE/LIGHT GREY. Excluding cost of fixtures and inclusive of supply of shutters to respective work spot. with door shutter 35mm thick. FIRST FLoor									
PWD SR 2018-19Page 59 Item No.9.90.2									
Basic Rate	3,800.00								
Lift charges	4.00								
TOTAL	3,804.00								
Amor Wtg 8%	304.32								
Net Rate	4,108.32								
First Floor									
D 1		1	1.20		2.10	2.52	Sqm		
						2.52	Sqm	4,108.32	10,353.00
Providing and fixing factory made splendoor of solid core single leaf rigid composite polymer laminated sal wood, door shutter of required thickness, manufactured out of solid core door conforming to IS 2202 (Part-1) 1991, laminated with 0.8 mm thick polymer, termite, water resistant and fire retardant with superior gluing based on vacuum lamination technology and with various pre moulded design on both faces conforming to IS 6307-1985, using adhesive conforming to IS 4835-1979 and door shuters tested in conformation to IS 4020-1994. The finish of shutters will be TEAK/OAK/CEDAR/ROSE WOOD/WALNUT, plain colurs WHITE/IVORY/BEIGE/LIGHT GREY. Excluding cost of fixtures and inclusive of supply of shutters to respective work spot. with door shutter 35mm thick. TERRACE FLoor									
PWD SR 2018-19Page 59 Item No.9.90.2									
Basic Rate	3,800.00								
Lift charges	8.00								
TOTAL	3,808.00								
Amor Wtg 8%	304.64								
Net Rate	4,112.64								

Particulars		Nos.	L	B	D/H	QtY.	Unit	Rate	Amount
TERRACE Floor									
D 1		2	1.20		2.10	5.04	Sqm		
						5.04	Sqm	4,112.64	20,728.00
[illegible] 5.4-1 : Providing Teak wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM complete as per specifications. Specification No. KBS 9.33									
[illegible] 2018-19Page 51: Item No.9.10									
Basic Rate	1,60,082.00								
Cess Vtg@8%	12,806.56								
Net Rate	1,72,888.56								
[illegible] Doors	Door Frames of Size 75mmx125mm								
MD	verticles	2	2.15	0.075	0.230	0.074	Cum		
	hariztls	2	2.00	0.075	0.230	0.069	Cum		
						0.143	Cum	1,72,888.56	24,753.00
[illegible] 9.5 : Providing and fixing in position fully panelled teak wood shutters for doors, with styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.3. GROUND FLOOR									
[illegible] 2018-19Page 59 Item No.9.14									
Basic Rate	7,142.00								
CP Charges	4.00								
TOTAL	7,146.00								
Cess Vtg@8%	571.68								
Net Rate	7,717.68								
Ground Floor									
MD		1	1.80		2.10	3.78	Sqm		
						3.78	Sqm	7,717.68	29,173.00
Providing and fixing 65mmx90mm GRP Doorframe fabricated using E-Glass Chopped Strand Mat [illegible] UV- stabilized Isopthalic Gelcoat and Isopthalic resin. The thickness of the GRP skin shall not be less than 2.0mm. The doorframe consists of four segments, which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of [illegible] screws. The GRP frame shall be provided with wooden reinforcement on 6 locations for high screw holding capacity for fixing metalling hold fast and shall be consolidated by filling with medium density foam Plaster of Paris with fibre reinforcement. Six Numbers of 260mmx25mmx5mm size 'S' shaped [illegible] flat hold fast shall be provided with the frame.. **GROUND FLOOR**										
[illegible] 2018-19 Page 63 : Item No.9.95									
Basic Rate	450.00								
Cess Vtg 8%	36.00								
Net Rate	486.00								
Ground Floor									
D2		5	5.70			28.50	Rm	486.00	13,851.00
Providing and fixing 65mmx90mm GRP Doorframe fabricated using E-Glass Chopped Strand Mat [illegible] UV- stabilized Isopthalic Gelcoat and Isopthalic resin. The thickness of the GRP skin shall not be less than 2.0mm. The doorframe consists of four segments, which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of [illegible] screws. The GRP frame shall be provided with wooden reinforcement on 6 locations for high screw holding capacity for fixing metalling hold fast and shall be consolidated by filling with medium density foam Plaster of Paris with fibre reinforcement. Six Numbers of 260mmx25mmx5mm size 'S' shaped [illegible] flat hold fast shall be provided with the frame.. **FIRST FLOOR**										
[illegible] 2018-19 Page 63 : Item No.9.95									
Basic Rate	450.00								
CP Charges	4.00								
	454.00								
Cess Vtg 8%	36.32								
Net Rate	490.32								
FIRST Floor									
D2		6	5.70			34.20	Rm	490.32	16,769.00

Particulars		Nos.	L	B	D/H	QtY.	Unit	Rate	Amount
Providing and fixing 65mmx90mm GRP Doorframe fabricated using E-Glass Chopped Strand Mat (CSM) U/A- stabilized Isopthalic Gelcoat and Isopthalic resin. The thickness of the GRP skin shall not be less than 2.0mm. The doorframe consists of four segments, which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of screws. The GRP frame shall be provided with wooden reinforcement on 6 locations for high screw holding capacity for fixing metalling hold fast and shall be consolidated by filling with medium density foam/Plaster of Paris with fibre reinforcement. Six Numbers of 260mmx25mmx5mm size 'S' shaped MS for hold fast shall be provided with the frame.. **Terrace FLOOR**									
PWD SR 2018-19 Page 63 : Item No.9.95									
Basic Rate	450.00								
10% Charges	8.00								
	458.00								
Extra Mtg 8%	36.64								
Net Rate	494.64								
Terrace Floor									
D2		2	5.70			11.40	Rm	494.64	5,639.00
(1) PANEL PRELAM PVC DOOR SHUTTER: Providing and fixing in position 30MM THICK factory made rigid foam panelled door shutters made from MS tube of 19 gauge thickness, size 19x19mm for stiles and 15x15mm for top and bottom rails, covered with heat moulded PVC C channel of 5mm th. sheet and 30x50mm wide to form styles and 5mm thick and 75mm wide PVC sheets for top rail, lock rail and bottom rail on either side and 5mmm thick 20mm wide PVC sheet as gap insert for top rail and bottom rail, panelling of 5mm thick PVC sheet fitted in MS frame sealed in to styles and rails with 5x20mm PVC sheet beading on either side and joined together with solvent cement adhesives etc complete fixed to frame with 3 nos of 75mm alluminium hinges including cost of materials, labour, hire of machineries as per specifications and directions of the Engineer in charge of the work . **BOTH SIDE PRELAM**									
PWD SR 2018-19 Page 61: Item No.9.85.1									
Basic Rate	3,746.00								
Extra Mtg 8%	299.68								
Net Rate	4,045.68								
Ground Floor									
	D2	5	0.75		2.10	7.88	Sqm	4,045.68	31,880.00
(1) PANEL PRELAM PVC DOOR SHUTTER: Providing and fixing in position 30MM THICK factory made rigid foam panelled door shutters made from MS tube of 19 gauge thickness, size 19x19mm for stiles and 15x15mm for top and bottom rails, covered with heat moulded PVC C channel of 5mm th. sheet and 30x50mm wide to form styles and 5mm thick and 75mm wide PVC sheets for top rail, lock rail and bottom rail on either side and 5mmm thick 20mm wide PVC sheet as gap insert for top rail and bottom rail, panelling of 5mm thick PVC sheet fitted in MS frame sealed in to styles and rails with 5x20mm PVC sheet beading on either side and joined together with solvent cement adhesives etc complete fixed to frame with 3 nos of 75mm alluminium hinges including cost of materials, labour, hire of machineries as per specifications and directions of the Engineer in charge of the work . **BOTH SIDE PRELAM**									
PWD SR 2018-19 Page 61: Item No.9.85.1									
Basic Rate	3,746.00								
10% Charges	4.00								
	3,750.00								
Extra Mtg 8%	300.00								
Net Rate	4,050.00								
First Floor									
	D2	6	0.75		2.10	9.45	Sqm	4,050.00	38,273.00
(1) PANEL PRELAM PVC DOOR SHUTTER: Providing and fixing in position 30MM THICK factory made rigid foam panelled door shutters made from MS tube of 19 gauge thickness, size 19x19mm for stiles and 15x15mm for top and bottom rails, covered with heat moulded PVC C channel of 5mm th. sheet and 30x50mm wide to form styles and 5mm thick and 75mm wide PVC sheets for top rail, lock rail and bottom rail on either side and 5mmm thick 20mm wide PVC sheet as gap insert for top rail and bottom rail, panelling of 5mm thick PVC sheet fitted in MS frame sealed in to styles and rails with 5x20mm PVC sheet beading on either side and joined together with solvent cement adhesives etc complete fixed to frame with 3 nos of 75mm alluminium hinges including cost of materials, labour, hire of machineries as per specifications and directions of the Engineer in charge of the work . **BOTH SIDE PRELAM**									
PWD SR 2018-19 Page 61: Item No.9.85.1									

Particulars		Nos.	L	B	D/H	QtY.	Unit	Rate	Amount
Basic Rate	3,746.00								
Lift Charges	8.00								
TOTAL	3,754.00								
Cess / Vtg 8%	300.32								
Net Rate	4,054.32								
Terrace Floor									
	D2	2	0.75		2.10	3.15	Sqm	4,054.32	12,771.00
PWD DSR 2018: Providing 18mm thick cement plaster in single coat with cement mortar 1:4 to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing as per specifications and directions of the Engineer in charge of the work. including lime rendering -Inside Plaster									
PWD DSR 2018-19 Page114/115: Item No.15.16									
Basic Rate	261.00								
Lift Charges	6.00								
TOTAL	267.00								
Cess / Vtg8%	21.36								
Net Rate	288.36								
First Floor									
Inside walls									
hall		1	18.40		3.30	60.72	Sqm		
		1	12.55		3.30	41.42	Sqm		
		1	10.70		3.30	35.31	Sqm		
		1	10.90		3.30	35.97	Sqm		
Stage wall		1	10.65		0.45	4.79	Sqm		
Gents Toilet									
Passage		1	4.40		1.20	5.28	Sqm		
		1	4.00		1.20	4.80	Sqm		
		1	2.35		1.20	2.82	Sqm		
		1	1.65		1.20	1.98	Sqm		
		1	3.40		1.20	4.08	Sqm		
WC		2x2	1.50		1.20	7.20	Sqm		
		2x2	1.50		1.20	7.20	Sqm		
Ladies Toilet									
Passage		1	2.85		1.20	3.42	Sqm		
		1	2.30		1.20	2.76	Sqm		
		1	3.85		1.20	4.62	Sqm		
		1	2.40		1.20	2.88	Sqm		
WC		2x2	2.00		1.20	9.60	Sqm		
		2x2	1.50		1.20	7.20	Sqm		
staircase		2	5.90		3.30	38.94	Sqm		
		1	2.60		3.30	8.58	Sqm		
cims plastring		2	1.50		3.30	9.90	Sqm		
beams sides									
		1	12.90		0.30	3.87	Sqm		
		1	7.60		0.30	2.28	Sqm		
		1	17.65		0.30	5.30	Sqm		
		1	18.85		0.30	5.66	Sqm		
		1	10.45		0.30	3.14	Sqm		
		1	17.90		0.30	5.37	Sqm		
DEDUCTION									
D		1	1.80		2.20	-3.96	Sqm		
D1		1	1.20		2.20	-2.64	Sqm		
W		2	1.50		1.20	-3.60	Sqm		
W1		1	1.50		1.20	-1.80	Sqm		
V		2	0.60		0.45	-0.54	Sqm		
						312.53	Sqm	288.36	90,122.00
PWD DSR 2018: Providing 18mm thick cement plaster in single coat with cement mortar 1:4 to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing as per specifications and directions of the Engineer in charge of the work. including lime rendering -Inside Plaster									
PWD DSR 2018-19 Page114/115: Item No.15.16									
Basic Rate	261.00								
Lift Charges	6.00								
TOTAL	267.00								
Cess / Vtg8%	21.36								
Net Rate	288.36								

Particulars		Nos.	L	B	D/H	QtY.	Unit	Rate	Amount
TERRACE Floor									
Inside walls									
Room 1		2	4.70		3.30	31.02	Sqm		
		2	2.83		3.30	18.68	Sqm		
Room 2		2	5.45		3.30	35.97	Sqm		
		2	2.83		3.30	18.68	Sqm		
Outer cover walls		2	6.10		3.30	40.26	Sqm		
		1	2.50		3.30	8.25	Sqm		
Toilet		2x2	2.00		1.20	9.60	Sqm		
		2x2	1.34		1.20	6.43	Sqm		
DEDUCTION									
D1		2	1.20		2.20	-5.28	Sqm		
W1		5	1.00		1.20	-6.00	Sqm		
V		1	0.60		0.45	-0.27	Sqm		
						157.34	Sqm	288.36	45,370.00
Providing 18mm thick cement plaster in single coat with cement mortar 1:4 to brick masonry including rounding off corners and making Grooves wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing as per specifications and directions of the Engineer in charge of the work . -Outside Plaster									
PWD SR 2018-19 Page114: Item No.15.16									
Base Rate	261.00								
5% Charges	12.00								
TOTAL	273.00								
Less 10%@8%	21.84								
Net Rate	294.84								
			First FLOOR						
out side									
		1	18.70		3.30	61.71	Sqm		
		1	19.52		3.30	64.42	Sqm		
		1	8.60		3.30	28.38	Sqm		
		1	11.25		3.30	37.13	Sqm		
		1	8.10		3.30	26.73	Sqm		
Deductions									
D		1	1.80		2.10	-1.89	Sqm		
D1		1	1.20		2.10	-2.52	Sqm		
W		2	1.50		1.20	-13.50	Sqm		
W1		5	1.50		1.20	-4.50	Sqm		
V		2	0.60		0.45	-0.68	Sqm		
						195.28	Sqm	294.84	57,575.00
Providing 18mm thick cement plaster in single coat with cement mortar 1:4 to brick masonry including rounding off corners and making Grooves wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing as per specifications and directions of the Engineer in charge of the work . -Outside Plaster									
PWD SR 2018-19 Page114: Item No.15.16									
Base Rate	261.00								
5% Charges	14.00								
TOTAL	275.00								
Less 10%@8%	22.00								
Net Rate	297.00								
			Terrace FLOOR						
out side									
		2	19.52		3.30	128.83	Sqm		
		1	3.23		3.30	10.66	Sqm		
Parapet wall		2	16.65		1.25	41.63	Sqm		
Deductions									
D1		2	1.20		2.10	-2.52	Sqm		
W1		4	1.50		1.20	-4.50	Sqm		
V		1	0.60		0.45	-0.68	Sqm		
						173.42	Sqm	297.00	51,506.00
15-9-23 : Providing 12mm thick cement plaster in single coat with cement mortar 1 :3, to ceiling including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing as per specifications and directions of the Engineer in charge of the work . including lime rendering -First Floor									
PWD SR 2018-19 Page114/115: Item No15.21									

		Nos.	L	B	D/H	QtY.	Unit	Rate	Amount
	235.00								
	6.00								
	241.00								
	19.28								
	260.28								
ceilling									
hall		1	12.60	10.70		134.82	Sqm		
		1	7.90	7.70		60.83	Sqm		
		0.5	7.70	7.70		29.65	Sqm		
Gents Toilet		1	4.40	3.75		16.50	Sqm		
Triangle Angle portion		0.5	3.70	1.35		2.50	Sqm		
Ladies toilet		1	2.85	3.80		10.83	Sqm		
Triangle Angle portion		0.5	3.80	1.40		2.66	Sqm		
Wall projection		1	32.00	0.90		14.40	Sqm		
						272.18	Sqm	260.28	70,844.00
Providing 12mm thick cement plaster in single coat with cement mortar 1 :3, to ceiling surfaces, rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing as per specifications and directions of the Engineer in charge of the work . including lime rendering -Terrace Floor									
DSR 14.1.2018-19 Page114/115: Item No15.21									
	235.00								
	12.00								
	247.00								
	19.76								
	266.76								
ceilling									
Room 1		1	4.70	2.83		13.30	Sqm		
Room 2		1	5.45	2.83		15.42	Sqm		
Toilet		2	2.00	1.34		5.36	Sqm		
Head room		1	6.50	2.50		16.25	Sqm		
Wall projection		1	19.52	1.20		23.42	Sqm		
						73.76	Sqm	266.76	19,676.00
Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4, on brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications									
DSR 14.1.2018-19 Page:114 Item No15.30									
	205.00								
	6.00								
	211.00								
	16.88								
	227.88								
			First Floor						
Gents Toilet									
Passage		1	4.40		2.10	9.24	Sqm		
		1	4.00		2.10	8.40	Sqm		
		1	2.35		2.10	4.94	Sqm		
		1	1.65		2.10	3.47	Sqm		
		1	3.40		2.10	7.14	Sqm		
WC		2x2	1.50		2.10	12.60	Sqm		
		2x2	1.50		2.10	12.60	Sqm		
Ladies Toilet									
Passage		1	2.85		2.10	5.99	Sqm		
		1	2.30		2.10	4.83	Sqm		
		1	3.85		2.10	8.09	Sqm		
		1	2.40		2.10	5.04	Sqm		
WC		2x2	2.00		2.10	16.80	Sqm		
		2x2	1.50		2.10	12.60	Sqm		
D2		6	0.75		2.10	-9.45	Sqm		
V		2	0.60		0.45	-0.54	Sqm		
						101.73	Sqm	227.88	23,182.00

		Nos.	L	B	D/H	QtY.	Unit	Rate	Amount
Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4, for base of dadooing works with sand of approved quality, providing and removing including cost of materials, labour, curing complete as per specifications									
Page 114 Item No15.30									
	205.00								
	12.00								
	217.00								
	17.36								
	234.36								
			Terrace Floor						
Toilet		2x2	2.00		2.10	16.80	Sqm		
		2x2	1.34		1.20	6.43	Sqm		
D/D		2	0.75		2.10	-3.15	Sqm		
W		1	0.60		0.45	-0.27	Sqm		
						19.81	Sqm	234.36	4,643.00
Providing and fixing in position anodized aluminium windows and ventilators as per drawings with sliding shutters using Doubble track window frame of size 92x31.75mm 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 Frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.417 kg./m. shutter side outer40mmx18mm. wall thickness 1.25mm. weight 0.417 Inter lock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all sections anodised 12 to 15 microns thick including cutting to required length, joints mitred									
Page 33: Item No. 7.10.1									
	4,228.00								
	6.00								
	4,234.00								
	338.72								
	4,572.72								
			First Floor						
W		2	1.50		1.20	3.60	Sqm		
W1		5	1.50		1.20	9.00	Sqm		
W		2	0.60		0.45	0.54	Sqm		
						13.14	Sqm	4,572.72	60,086.00
Providing and fixing in position anodized aluminium windows and ventilators as per drawings with sliding shutters using Doubble track window frame of size 92x31.75mm 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 Frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.417 kg./m. shutter side outer40mmx18mm. wall thickness 1.25mm. weight 0.417 Inter lock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all sections anodised 12 to 15 microns thick including cutting to required length, joints mitred									
Page 33: Item No. 7.10.1									
	4,228.00								
	12.00								
	4,240.00								
	339.20								
	4,579.20								
			Terrace Floor						
W1		4	1.50		1.20	7.20	Sqm		
W		1	0.60		0.45	0.27	Sqm		
						7.47	Sqm	4,579.20	34,207.00

	Nos.	L	B	D/H	QtY.	Unit	Rate	Amount
Hassan Green granite flooring for staircase, treads and rises using pre polished water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for ..... etc.,complete.GROUND FLOOR								
Page:108: Item No.14.51								
4,456.00								
2.00								
4,458.00								
356.64								
4,814.64								
Door case	19	1.20	0.45		10.26	Sqm		
ending	1	2.60	1.20		3.12	Sqm		
10cm Skirting	19	0.45	0.20		1.71	Sqm		
					15.09	Sqm	4,814.64	72,653.00
Special make glazed Vitrified tiles (Granomite finish) of approved make, quality ...of size 600x600x10mm thick fixed on existing flooring with a special roffe adhesive for ..... etc., complete including providing spears at required interval and removing stains								
Page 109: Item No.14.43								
1,099.00								
4.00								
1,103.00								
88.24								
1,191.24								
...cm skirting		Terrace Floor						
Room 1	1	4.90	3.05		14.95	Sqm		
Room 2	1	5.64	3.05		17.20	Sqm		
					32.15	Sqm	1,191.24	38,295.00
flooring using prepolished, using silver grey granite / Multy Red / Ruby Red / River Pink / Hassan Green Granite of width not less than 1200mm gang saw/water cut 19mm ... with a bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with ... shade of granite slabs including laying POP on finished surface and cleaning the ... including the cost of all materials, mortar and labours etc., complete as per specifications.								
Page 106: Item No.14.47.1								
2,276.00								
2.00								
2,278.00								
182.24								
2,460.24		First Floor						
wall	1	12.80	10.90		139.52	Sqm		
	1	8.10	7.90		63.99	Sqm		
	0.5	7.70	7.70		29.65	Sqm		
					233.16	Sqm	2,460.24	5,73,617.00
...of wall cladding using 20mm thick gang saw water cut Shiva gold granite, grey ... proportion cut to required shape, pattern with paper joints, finished with cement ... white cement and colour pigments to match the colour of slab making through jointing ... making holes 25mmx12mm grooves in joints including cost of all materials, mortar, ... etc., complete as per specification.								
Page:114 Item No 14.49								
3,527.00								
2.00								
3,529.00								
282.32								
3,811.32								
		First Floor						
wall Cladding	1	15.26	------	1.50	22.89	Sqm		
	1	9.50	------	1.50	14.25	Sqm		
	1	2.95		1.50	4.43	Sqm		
	1	3.15		1.50	4.73	Sqm		
					46.29	Sqm	3,811.32	1,76,426.00

	Nos.	L	B	D/H	QtY.	Unit	Rate	Amount
Providing skirting, dado, rises of steps with Colour glazed tiles 15cms x 15cms size 6mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster (including cost of rough plastered surface which should be measured and paid separately) of approved make and size including cost of materials, labour, complete as - per directions of the engineer in charge of the work.								
Page 114 Item No14.41.3								
1,275.00								
2.00								
1,277.00								
102.16								
1,379.16								
Gents Toilet								
Passage	1	4.40		2.10	9.24	Sqm		
	1	4.00		2.10	8.40	Sqm		
	1	2.35		2.10	4.94	Sqm		
	1	1.65		2.10	3.47	Sqm		
	1	3.40		2.10	7.14	Sqm		
WC	2x2	1.50		2.10	12.60	Sqm		
	2x2	1.50		2.10	12.60	Sqm		
Ladies Toilet								
Passage	1	2.85		2.10	5.99	Sqm		
	1	2.30		2.10	4.83	Sqm		
	1	3.85		2.10	8.09	Sqm		
	1	2.40		2.10	5.04	Sqm		
WC	2x2	2.00		2.10	16.80	Sqm		
	2x2	1.50		2.10	12.60	Sqm		
DE	6	0.75		2.10	-9.45	Sqm		
"	2	0.60		0.45	-0.54	Sqm		
					101.73	Sqm	1,379.16	1,40,302.00
Providing skirting, dado, rises of steps with Colour glazed tiles 15cms x 15cms size 6mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster (including cost of rough plastered surface which should be measured and paid separately) of approved make and size including cost of materials, labour, complete as - per directions of the engineer in charge of the work.								
Page 114 Item No14.41.3								
1,275.00								
4.00								
1,279.00								
102.32								
1,381.32								
Toilet	2x2	2.00		2.10	16.80	Sqm		
	2x2	1.34		1.20	6.43	Sqm		
DE	2	0.75		2.10	-3.15	Sqm		
"	1	0.60		0.45	-0.27	Sqm		
					19.81	Sqm	1,381.32	27,367.00
Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps on a bed of 12mm thick, cement mortar 1 :3 mix, flush pointing with white , cement slurry, including cost of materials, labour, curing, complete as per specifications and the Engineer in charge of the work .SIZE 30x30x6 cm								
Page 114 Item No14.36.2								
1,269.00								
2.00								
1,271.00								
101.68								
1,372.68								
Gents Toilet	1	4.40	3.75		16.50	Sqm		
Triangle Angle portion	0.5	3.70	1.35		2.50	Sqm		
Ladies toilet	1	2.85	3.80		10.83	Sqm		
Triangle Angle portion	0.5	3.80	1.40		2.66	Sqm		
					32.49	Sqm	1,372.68	44,595.00

		Nos.	L	B	D/H	QtY.	Unit	Rate	Amount
	Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps on a bed of 12mm thick, cement mortar 1 :3 mix, flush pointing with white , cement slurry, including cost of materials, labour, curing, complete as per specifications and directions of the Engineer in charge of the work .SIZE 30x30x6 cm								
	Page 114 Item No14.36.2								
	1,269.00								
	4.00								
	1,273.00								
	101.84								
	1,374.84								
	Toilet	2	2.00	1.35		5.40	Sqm		
						5.40	Sqm	1,374.84	7,424.00
	Providing and fixing white vitreous china clay, flat back wash basin size 550x400mm with C.P brass pillar tap with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.								
	Page 114 Item No 12.25								
	3,879.00								
	310.32								
	4,189.32								
	GF	1				3.00	Each		
	FF	2				2.00	Each		
	TF	2				2.00	Each		
						7.00	Each	4,189.32	29,325.00
	Providing and fixing white vitreous china clay, water closet European type (Pedestal type, with solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with clamps, overflow arrangements with special and 25mm mosquito proof coupling of painting of fittings and brackets, cutting and making good the wall and floor including cost of materials, labour complete as per specifications.								
	Page 114 Item No12.5								
	4,956.00								
	396.48								
	5,352.48								
	GF & TF	8				8.00	Each		
						8.00	Each	5,352.48	42,820.00
	Providing and fixing white vitreous china clay, flat back, lipped front urinal basin of with 5 litres PVC automatic flushing cistern, C.I / M.S brackets, standard flush pipe with couplers with brass unions and G.I. clamps complete painting of fittings and brackets, making good the wall and floor wherever required, including cost of materials, labour specifications. KBS 11								
	Page 114 Item No12.7								
	3,072.00								
	245.76								
	3,317.76								
	GF & TF	5				5.00	Each		
						5.00	Each	3,317.76	16,589.00
	Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads as per specifications and directions of the Engineer in charge of the work . Specification NO.KBS 13.2.2/13.3 **20 mm dia**								
	Page 93: Item No.13.24								
	173.00								
	13.84								
	186.84								
	GF & TF					10.00	Each	186.84	1,868.00
	Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of the Engineer in charge of the work . Specification NO.KBS 13.2.2/13.3								
	Page 93: Item No.13.27								
	141.00								
	11.28								
	152.28								
	GF & TF					10.00	Each	152.28	1,523.00

	Nos.	L	B	D/H	QtY.	Unit	Rate	Amount
Providing and fixing in position brass stop cock of approved quality 25 mm nominal cost of all materials, labour and HOM of equipments with all leads complete as per directions of the Engineer in charge of the work . Specification NO.KBS 13.2.2/13.3								
Item No.13.28								
139.00								
11.12								
150.12								
		Total Qty			6.00	Each	150.12	901.00
Providing and fixing unplasticised PVC connection pipe with brass union 15mm nominal length of PVC connection including cost of all materials, labour and HaM of equipments complete as per specifications and directions of the Engineer in charge of the work .								
Item No.13.47								
264.00								
21.12								
285.12								
					10.00	Each	285.12	2,851.00
Providing and fixing 450mm dia Circular shape mirror with plastic moulded frame of approved with 5mm thick hard board backing including cost of materials, labour complete as per directions of the Engineer in charge of the work .								
Item No.12.40								
828.00								
66.24								
894.24								
					7.00	Each	894.24	6,260.00
Providing and fixing C.P. brass towel rail 600 mm length, 20mm dia with C.P brackets, cleats with C.P. brass screws including cost of materials, labour complete as per directions of the Engineer in charge of the work .								
Item No.12.46								
674.00								
53.92								
727.92								
					7.00	Each	727.92	5,095.00
Providing and fixing stoneware gully trap of approved quality and fixing in CC 1:2:4 including cost of conveyance, labour complete as per specifications and directions of the Engineer in charge 150mmx100mm								
Item No.12.112.2								
280.00								
22.40								
302.40								
					10.00	Each	302.40	3,024.00
Providing CI nahani trap of approved quality and make confirming to IS specifications and fixing in position in CC 1:2:4 including cost of materials, conveyance, labour complete as per directions of the Engineer in charge of the work .								
Item No.12.113.2								
285.00								
22.80								
307.80	12.5cmsx7.5cms size							
					14.00	Each	307.80	4,309.00
Providing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines cost of all materials, labour charges, HOM and testing complete as per specifications. 110								
Item No12.116								
434.00								
34.72								
468.72								
Item Line	1	60.00			60.00	Rm		
					60.00	Rm	468.72	28,123.00
Providing and fixing stainless steel kitchen sink of bowl depth 178mm, with drain board, M.S / stainless steel plug 40 mm, painting of fittings and brackets, cutting and making good the wall where required, including cost of materials, labour complete as per specifications. size 510 x 1040								
Item No.12.36								

	Nos.	L	B	D/H	QtY.	Unit	Rate	Amount
14,254.00								
1,140.32								
15,394.32	size 510 x 1040 mm							
Terrace floor					**2.00**	Each	15,394.32	30,789.00
Providing two coats of wall putty to inside plastered walls and ceiling using white cement after chipping and levelling the surface using steel blade and preparing the surface even and smooth using different grade sand papers, including cost of alll mateerial cost of labour and complete as per specification. Pg No.126 Item No.15.106								
Page 126: Item No.15.106								
78.00								
6.24								
84.24								
		First Floor						
	Qty as per inside plastering Item				312.53	Sqm		
	Qty as per ceiling plastering Item				272.18	Sqm		
					584.72	Sqm	84.24	49,256.00
Providing two coats of wall putty to inside plastered walls and ceiling using white cement after chipping and levelling the surface using steel blade and preparing the surface even and smooth using different grade sand papers, including cost of alll mateerial cost of labour and complete as per specification. Pg No.126 Item No.15.106								
Page 126: Item No.15.106								
78.00								
6.24								
84.24								
		Terrace Floor						
	Qty as per inside plastering Item				157.34	Sqm		
	Qty as per ceiling plastering Item				73.76	Sqm		
					231.10	Sqm	84.24	19,468.00
Providing and applying painting in two coats with plastic emulsion paint of approved shade on wall surface with one coat of primer to give an even approved shade after throughly cleaning the surface, free from mortar drops and other foreign matter including preparing the surface even and paper smooth, cost of materials, labour, complete as per specifications								
Page 119: Item No.15.51.2								
87.00								
6.96								
93.96								
	Qty As Per Item No				312.53	Sqm		
	Qty As Per Item No				272.18	Sqm		
					584.72	Sqm	93.96	54,940.00
Providing and applying painting in two coats with plastic emulsion paint of approved shade on wall surface with one coat of primer to give an even approved shade after throughly cleaning the surface, free from mortar drops and other foreign matter including preparing the surface even and paper smooth, cost of materials, labour, complete as per specifications								
Page 119: Item No.15.51.2								
87.00								
6.96								
93.96								
	Qty As Per Item No				157.34	Sqm		
	Qty As Per Item No				73.76	Sqm		
					231.10	Sqm	93.96	21,714.00
Painting external walls in two coats over one coat of 100% acrylic silicon glazed primer paint for top coat of approved brand and shade to give an even shade after cleaning the surface to remove all dirt and loose powdered material, free from mortar and other foreign matter cost of materials, labour, complete as per specifications-First Floor								
Page 125: Item No.15.104								
180.00								
4.00								
184.00								
14.72								
198.72								

	Nos.	L	B	D/H	QtY.	Unit	Rate	Amount
	Qty As Per outside plastring				195.28	Sqm		
					195.28	Sqm	198.72	38,805.00
external walls in two coats over one coat of 100% acrylic silicon glazed primer paint for top coat of approved brand and shade to give an even shade after cleaning the surface to remove all dirt and loose powdered material, free from mortar and foreign matter cost of materials, labour, complete as per specifications-Terrace Floor								
Page125: Item No.15.104								
180.00								
8.00								
188.00								
15.04								
203.04								
	Qty As Per outside plastring				173.42	Sqm		
					173.42	Sqm	203.04	35,211.00
Providing and applying enamel metal paint two coats (excluding priming coat) over other metal surface brushing to give an even shade after cleaning oil, grease, dirt and matter including cost of materials, labour, complete as per specifications								
Page121: Item No.15.74								
95.00								
7.60								
102.60								
Grills FF								
W	2x2	1.50		1.20	7.20	Sqm		
WC	2x5	1.50		1.20	18.00	Sqm		
W	2x2	0.60		0.45	1.08	Sqm		
					26.28	Sqm	102.60	2,696.00
Providing and applying enamel metal paint two coats (excluding priming coat) over other metal surface brushing to give an even shade after cleaning oil, grease, dirt and matter including cost of materials, labour, complete as per specifications								
Page121: Item No.15.74								
95.00								
7.60								
102.60								
Grills TF								
WC	2x4	1.50		1.20	14.40	Sqm		
W	2	0.60		0.45	0.54	Sqm		
					14.94	Sqm	102.60	1,533.00
Providing and fixing M.S.grill work for windows using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel members, welding the same to required pattern with a coat of red lead primer, cost of materials, labour and HOM of machinery as per specifications and directions of the Engineer in charge Specification No. KBS 7.12 P-37								
Page 32: Item No.7.9								
95.00								
7.60								
102.60								
Grills in F.F.					13.14	Sqm		
Kg per Sq mtr =					**275.94**	Kg	102.60	28,311.00
Providing and fixing M.S.grill work for windows using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel members, welding the same to required pattern with a coat of red lead primer, cost of materials, labour and HOM of machinery as per specifications and directions of the Engineer in charge Specification No. KBS 7.12								
Page 32: Item No.7.9								
95.00								
7.60								
102.60								
Grills in F.F.					7.47	Sqm		
Kg per Sq mtr =					**156.87**	Kg	102.60	16,095.00

	Nos.	L	B	D/H	QtY.	Unit	Rate	Amount
M.S. Hand railing for Balcony with 50mm dia. M.S. hollow pipe of 14 gauge, mm M.S. square rod placed vertically, spaced at 100mm at regular intervals of vertical rods laterally tied to 3 horizontal rods spaced at equal interval. These assembly by using expansion bolts and welding the same to reinforcement bars and making All the joints and sections hould be cut to length, welded and grinded wherever complete . The work includes cost of all materials, labour charges for all items of work, welding, cutting and grinding equipment, and electricity charges, etc., complete as and drawing.								
Page121: Item No.7.35								
2,840.00								
6.00								
2,846.00								
227.68								
3,073.68								
	2	4.30		0.90	7.74	Sqm		
front portion	1	34.00		1.20	40.80	Sqm		
					48.54	Sqm	3,073.68	1,49,196.00
System Supplying heavy gauge PVC conduit pipe .....mm dia .....mm thick with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and concreting the slab. The conduit should be tied to the reinforcement rods by using and unused ways of junction boxes and pipe ends should be covered using PVC end with 18SWG GI fish wire wherever necessary								
mm thick. (P.N0.2 ,I.No. 1.2.1)					180	Mtr	43.00	7,740.00
thick. (P.N0.2 ,I.No. 1.1.2)					120	Mtr	57.00	6,840.00
cutting in brick wall/CC floor to the suitable depth for concealing of Conduit/GI pipe finishing upto wall surface complete.								
conduit in brick wall(P.NO 3,1.7.1)					220	Mtr	21.00	4,620.00
fixing Metal Fan Box with Round Hook.(P.N0 3,1.12)					20	Nos	92.00	1,840.00
adoptoing loop system in existing PVC conduit/ casing caping using copper PVC strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be existing plastic sheet/ gang box, the other end wires shall be terminated with sufficient wood/PVC round block. complete for each outlet. Point wiring using class A approved								
mtr from tapping point to out let via switch (P No 5 ; I No 2.1.1)					15	Pts	174.00	2,610.00
above 3M. upto 6M from tapping point to out let via switch (P No 5 ; I					12	Pts	245.00	2,940.00
mts up to 10 mtr from tapping to out let via switch					12	Pts	363.00	4,356.00
lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper conductor resistance single core wire in open or concealed system of wiring with specified IS- confirming to GTP of GROUP -A.								
No. 6, I.No.2.5.2)(for long points)					170	Mtr	18.60	3,162.00
No. 6, I.No.2.5.3)					220	Mtr	29.20	6,424.00
No. 6, I.No.2.5.4)					105	Mtr	42.10	4,421.00
No. 6, I.No.2.5.5)					55	Mtr	63.80	3,509.00
flush mounting powder coated / galvanized metal box suitable for mounting modular The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall								
P.NO 16,3.5.1)					12	No	91.00	1,092.00
P.NO 16,3.5.2)					17	No	98.00	1,666.00
P.NO 16,3.5.4)					5	No	140.00	700.00
P.NO 16,3.5.5)					2	No	159.00	318.00
fixing superior quality modular switch mounting polycarbonate plate with necessary plate with required nos. of machine screws, bolts nuts etc., complete on the existing								
P.NO 16,3.6.1)					12	No	109.00	1,308.00
P.NO 16,3.6.2)					17	No	122.00	2,074.00
P.NO 16,3.6.4)					5	No	200.00	1,000.00
P.NO 16,3.6.6)					2	No	267.00	534.00

		Nos.	L	B	D/H	QtY.	Unit	Rate	Amount
[illegible] of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone [illegible] modular switch plate as per IS 3854 and IS 1293 GROUP A									
[illegible] (P.NO 16,3.7.1)						27	No	63.00	1,701.00
[illegible] (P.NO 16,3.7.1)						22	No	87.00	1,914.00
[illegible] (P.NO 16,3.7.3)						12	No	95.00	1,140.00
[illegible] (P.NO 16,3.7.4)						8	No	286.00	2,288.00
[illegible] wooden plug, tapered from 50x50mm to 25x25mm and fixing by using binding wire [illegible] a roof slab.(P.NO 17,3.12)									
[illegible] (P.NO 16,3.7.1)						17	No	6.80	116.00
[illegible] type flourescent tube light fitting of 4 ' -suitable for 28 watts flourescent tube fitting [illegible] MS Sheet and stove enameled with HF Electronic Ballast locking type brass contact [illegible] on double fold type sheet base fully wired for use on 230 volts AC. supply including [illegible]									
[illegible]						25	No	669.00	16,725.00
[illegible] and all capacities of fluorescent/false ceiling/spot light/CFL /LED fittings indoor on the [illegible] rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of [illegible] and clamps (P.NO 114, 17.7)									
						25	No	98.00	2,450.00
[illegible] regular MCCB distribution Panel confirm to IS 8828, on wall / wood board / flush [illegible] required clamps, bolts, nuts etc., with provision for fixing of suitable type capacity [illegible] incomer for 3 phase Double door with necessary bus bar completely wired to use on [illegible] phase 4 wire powder coated painting etc., complete with a provision for fixing of [illegible] suitable capacity MCCB/MCB's as outgoings conferming to IS8828.(P.NO 54,6.15)									
[illegible]						2	No	418.00	836.00
[illegible] TP						2	No	1936.00	3,872.00
[illegible] miniature circuit breakers on existing MCB distribution boards using necessary [illegible] and 'C' Type curve , indicator ON/OFF, energy cross-3 with Short circuit breaking [illegible] and complete wiring as required.confirming to IEC 60898									
[illegible] (P.No.54, I.No. 16)						2	No	5138.00	10,276.00
[illegible], wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's [illegible] board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should [illegible] equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The [illegible] from the pipe to the conduit etc., is to be established through GI wire of size as per ISI [illegible] of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall [illegible] holes of 122 mm dia									
[illegible]						1	No	2727.00	2,727.00
[illegible] running GI/Copper conductor for grounding and (along with other wires in conduit [illegible] using necessary suitable size clamps, nails, guttas/spacers etc.									
[illegible] Wire (P No 70 , I No 7.22.						50	Mtr	107.70	5,385.00
[illegible] type ceiling fan complete with down rod blades, shackle, canopies etc., for [illegible] volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double [illegible] system. 48" Sweep (1200mm)									
[illegible] (P.No.78, I.No.9.3.1)						20	No	2376.00	47,520.00
[illegible] fan of 1440 RPM of 300 mm (12") size with bracket blades complete for light duty [illegible] operate on 230V 50 Hz, AC supply									
[illegible]						2	No	1700.00	3,400.00
[illegible] wall mounting fan of all capacities and all types with necessary clamps and S hook [illegible] dia MS rod, with 5 amps ceiling rose of approved quality with necessary length of						20	No	237.00	4,740.00
[illegible] Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using [illegible] bolts, nuts and wiring complete. Protection of Overload and Short circuit with [illegible] Microprocessed release and Earth Fault as per IS-13947. (Icu = Ics)									
[illegible] 25kA(P.No74, I.No. 6.13)						1	No	5809.00	5,809.00